

WARRANT

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CHEMICAL PLANTS IMPROVE OUTPUT

"AFRIKHIN" PLANT SHORTENS PRODUCTION CYCLE -- Moskovskiy Bol'shevik, No 143,
19 Jun 49

The "Acrilchin" Plant in Noginsk has made good progress in shortening the production cycle. In Shop No 28, acridine, an important preparation used by livestock farms, is manufactured. The bottleneck in the beginning stage of production was the drying of disodium salt, which took not less than 5 days. By raising the rate of heating by 5 - 7 degrees, the drying process was shortened to 14 hours. In the formation and processing of nitrogen mass, the intermediate process of settling has been eliminated, with a saving of 48 hours. In drying the semifinished product, the temperature was raised 5 degrees, and two-staged pressing of the paste in a centrifuge was introduced. In this operation the production cycle was reduced from 48 hours to 8 hours.

In distilling the product, the steam pressure was raised from one atmosphere to three atmospheres, and for one other product (dichlorethane) the vacuum distillation was divided into two processes. In both cases 33 of 46 hours were saved. In the final operation, drying the finished product, eliminating loss and the product's tendency to cake presented a problem. Drying was carried out step-by-step in 8 stages and lasted 144 hours and one fifth of the final product was usually lost. An innovation permitted the drying to be done in one stage in a period of 14 - 18 hours. Thus, the production cycle was cut a total of 17 days and the productiveness of the equipment was raised 40 percent.

In shop No 5, potassium salt was formerly cleaned with sodium sulfide and activated charcoal. Then the salt, before the beginning of crystallization, was put through a special filter. After laboratory research, the process was shortened by 8 hours, inasmuch as it was possible to clean the salt with sodium sulfide alone.

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In 5 months of 1949, the plant has produced from saved raw materials 1,100 kilograms of dichloracridine and almost 200 kilograms of nitro-chloracridine going into the manufacture of medicaments.

PLANTS TOP HALF-YEAR PLAN -- Moskovskiy Bol'shevik, No 145, 22 Jun 49

The "Akrikhin" (acridine) Plant in Noginsk has fulfilled the half-year plan ahead of schedule, with gross production showing an increase of 56 percent over the corresponding period of 1948.

The lacquer and paint plant of Ministry of Chemical Industry in Khot'kovo completed the half-year plan 20 June and will produce another 40,000 rubles' worth of goods before the end of the month.

TARTU PLANT BEATS FIVE-YEAR PLAN -- Sovetskaya Estoniya, No 144, 21 Jun 49

As of 1 June 1949, the "Kemaks" Chemical Plant (director, Petrovykh) in Tartu has completed the Five-Year Plan 182 percent. The volume of production of the plant has risen 400 percent over the 1945 figure.

The plant put a new casein shop into operation in 1948.

RIGA PLANT MAKES RUBBER EQUIPMENT -- Sovetskaya Latvija, No 143, 19 Jun 49

The Riga "Varonis" Rubber Plant produces rubber rollers for use in paper, leather, polygraphic, and textile enterprises.

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